BUSINESS MEETING

BEFORE THE

CALIFORNIA ENERGY RESOURCES CONSERVATION

AND DEVELOPMENT COMMISSION

In	the	Matter	of:		
Bus	sines	ss Meeti	ing		

CALIFORNIA ENERGY COMMISSION

HEARING ROOM A

1516 NINTH STREET

SACRAMENTO, CALIFORNIA

WEDNESDAY, NOVEMBER 5, 2008

10:04 A.M.

Reported by: Peter Petty

Contract Number: 150-07-001

ii

COMMISSIONERS PRESENT

Jackalyne Pfannenstiel, Chairperson

James D. Boyd, Vice Chairperson

Arthur H. Rosenfeld

Jeffrey D. Byron

Karen Douglas

STAFF and CONTRACTORS PRESENT

Melissa Jones, Executive Director

William Chamberlain, Chief Counsel

Marni Weber, for the Legislative Director

Harriet Kallemeyn, Secretariat

Marc Pryor

Lisa DeCarlo

Shahid Chaudry

Devorah Eden

Bill Pennington

Jane Heinz

Joseph Merrill

Adrian Ownby

Joe O'Hagan

PUBLIC ADVISER

Elena Miller

PETERS SHORTHAND REPORTING CORPORATION (916) 362-2345

iii

INDEX

		Page
Proc	eedings	1
Item	s	1
1	Consent Calendar	1
2	Sacramento Municipal Utility District	1
3	City of Santa Rosa	8
4	City of Palo Alto	10
5	Loomis Union Unified School District	21
6	Gilbert Associates, Inc.	22
7	Aspen Environmental Group	23
8	California Utility Allowance Calculator	31
9	UC Davis Center for Watershed Sciences	37
10	Minutes	42
11	Commission Committee Presentations/ Discussions	42
12	Chief Counsel's Report	44
13	Executive Director's Report	49
14	Legislative Director's Report	49
15	Public Adviser's Report	50
16	Public Comment	51
Adjo	urnment	51
Cert	ificate of Reporter	52

PETERS SHORTHAND REPORTING CORPORATION (916) 362-2345

1	PROCEEDINGS
2	2:04 p.m
3	CHAIRPERSON PFANNENSTIEL: This is an
4	Energy Commission business meeting.
5	Please join me in the Pledge of
6	Allegiance.
7	(Whereupon the Pledge of Allegiance was
8	recited in unison.)
9	CHAIRPERSON PFANNENSTIEL: No change to
10	the agenda, as posted.
11	Consent calendar. Anybody move the
12	consent calendar?
13	COMMISSIONER ROSENFELD: I move the
14	consent calendar.
15	VICE CHAIRPERSON BOYD: Second.
16	CHAIRPERSON PFANNENSTIEL: In favor?
17	(Ayes.)
18	CHAIRPERSON PFANNENSTIEL: Consent
19	calendar is approved.
20	Item number 2, possible approval of the
21	Executive Director's recommendation that the
22	Sacramento Municipal Utility District's contract
23	with Iberdrola Resources, Inc., formerly PPM,
24	Inc., be found to be compliant with the emissions
25	performance standard for local publicly owned

```
1 electric utilities pursuant to 1368.
```

- 2 Good morning.
- 3 MR. PRYOR: Good morning, Chairman
- 4 Pfannenstiel, Commissioners. My name is Marc
- 5 Pryor; I'm with the electricity analysis office.
- 6 Senate Bill 1368, as you will recall, is
- 7 the first step towards limiting investment in high
- 8 carbon generation resources by California
- 9 utilities, signed in 2006.
- 10 The bill required the California Public
- 11 Utilities Commission, the California Energy
- 12 Commission to draft emission performance standards
- 13 -- portfolio standards for investor-owned and
- 14 public utilities, respectively.
- 15 As a rulemaking here at the Energy
- 16 Commission, sections 2900 through 2913 were added
- 17 to Title 20 in August of 2007. Regulations
- 18 prohibit long-term investments by public utilities
- in a generation facility designed or intended to
- 20 operate as a baseload plant if said plant emits
- 21 more than 1100 pounds of CO2 per megawatt hour of
- 22 generation.
- 23 Investment here includes the
- 24 construction or purchase of a power plant, a
- 25 contract of the plant of five years or more in

length, or capital upgrades that extend the

2 plant's life, or materially increases the plant's

3 capacity or expected level of output.

Section 2903(b) of the EPS regulations gave renewable electricity generation facilities defined by chapter 8.6, division 15, of the Public Resources Code to be compliant with the standard.

The facility under your consideration today is a biomass facility and meets renewable generation definition, and is, therefore, defined to be compliant with the emissions performance standard.

We're here today to ask you to rule on the compliance of a long-term contract entered into by SMUD, Sacramento Municipal Utility

District.

This is the third SB-1368 EPS contract that's come before you. The others were both geothermal contracts that were entered into by Northern California Power Agency in May and the City of Riverside in June.

SMUD has entered into a long-term power purchase agreement with Iberdrola, Incorporated, for the output of a biomass cogeneration facility located in Tacoma, Washington. This cogeneration

1 plant will consume waste from a paper and pulp

2 mill, and steam from the process will be retained

- 3 for use by the mill.
- 4 The facility is expected to come online
- 5 in July of next year, 2009, and have a nameplate
- 6 capacity of 55 megawatts. SMUD has secured the
- 7 rights to all output and environmental attributes
- 8 for a 12-year period.
- 9 Regulations requires SMUD submit a
- 10 filing to the Energy Commission, and that the
- 11 Commission rule upon the compliance of the
- 12 agreement with the standard. SMUD completed the
- 13 filing on October 24th.
- 14 Staff has reviewed the compliance filing
- and recommends that the agreement be found
- 16 compliant with the emission performance standard.
- 17 Is Mr. Scanlon here today?
- MR. SCANLON: Yes.
- 19 MR. PRYOR: Mr. Scanlon, with SMUD
- 20 Staff, is available today to answer any question
- 21 pertaining to SMUD's contract with Iberdrola.
- That concludes my presentation.
- 23 CHAIRPERSON PFANNENSTIEL: Thank you,
- 24 Mr. Pryor. Are there questions of staff or SMUD
- on this issue? Yes, Commissioner Byron.

1	COMMISSIONER BYRON: Mr. Pryor, thank
2	you. Commissioners, we have put these three
3	contracts on the business meeting agenda in order
4	for Commissioners to see them and review them.
5	I would imagine, though, that we could
6	probably move future contracts to the consent
7	calendar if there's no objection to these. Just
8	wanted to make sure everybody understood how these
9	need to be reviewed and approved by this
10	Commission.
11	I do have a couple questions for Mr.
12	Pryor I'd just like to ask, that might help
13	clarify the situation.
14	You indicated this is the third one that
15	we've seen. It's been over a year since the
16	regulation has been in place. We anticipated we
17	might be seeing a lot more of these.
18	Mr. Pryor, do you have any idea why
19	we're not, or
20	MR. PRYOR: No, sir, I do not.
21	COMMISSIONER BYRON: Nor do I. I see
22	Ms. DeCarlo hiding back there. I'm curious if she
23	had any comments to add, as well. Do you?

knowledge as to why we're not seeing more. I do

MS. DeCARLO: I don't have any inside

24

```
1 know that the estimates varied during our
```

- 2 rulemaking as to how many we would see. I think
- 3 some estimated, I think it was NCPA or one of the
- 4 umbrella organizations, estimated about five a
- 5 year. So this would be about on par for that.
- 6 I had heard that, given the anticipated
- 7 implementation of AB-32, and the apparent issue
- 8 that the POUs are currently adequate, resource
- 9 adequate, that that's perhaps why there's no
- 10 influx at this point.
- 11 COMMISSIONER BYRON: Thank you. And as
- 12 I recall, we have a 30-day window in which we're
- 13 supposed to review and approve these, is that
- 14 correct?
- MR. PRYOR: Yes, sir.
- 16 COMMISSIONER BYRON: Have we had any
- 17 difficulty meeting that requirement?
- MR. PRYOR: No, sir.
- 19 COMMISSIONER BYRON: So the amount of
- 20 staff time involved in this review, could you give
- 21 us a sense, is it pretty minimal? Or is it
- 22 extensive?
- MR. PRYOR: Well, this one was my first,
- so it took me a little bit to get up to speed.
- 25 And I had anticipated being on the consent portion

1 of the calendar. So when it was changed I had to

- 2 do a little more back, and so I really couldn't
- 3 give you an idea of how much time it takes.
- 4 COMMISSIONER BYRON: Well, we'll check
- 5 with you later then -- with regard to how long
- 6 that it is taking.
- 7 Ms. Jones, what do you think? Should we
- 8 move these to the consent items in the future? Is
- 9 that a --
- 10 EXECUTIVE DIRECTOR JONES: I think that
- 11 renewables, in particular, can go on consent. I
- 12 think there might be other contracts that would
- 13 come up that might be more controversial that you
- 14 may want to take public comment on and put on the
- 15 regular agenda.
- 16 COMMISSIONER BYRON: Okay. Well, thank
- 17 you. Thanks for answering my questions.
- 18 CHAIRPERSON PFANNENSTIEL: Other
- 19 questions?
- 20 VICE CHAIRPERSON BOYD: I would just say
- I share Commissioner Byron's concern that we're
- 22 not seeing more of these. I guess the question
- 23 that should remain kind of on the table for us, as
- we pursue California's electricity future. I'm
- 25 not sure this is an IEPR subject or not, but we

```
1 might think about it anyway.
```

- 2 CHAIRPERSON PFANNENSTIEL: Everything is
- 3 a potential IEPR subject --
- 4 (Laughter.)
- 5 VICE CHAIRPERSON BOYD: As being back on
- 6 the IEPR Committee I'm finding it to be very true,
- 7 everything is, potentially.
- 8 COMMISSIONER BYRON: Well, if there's no
- 9 further questions then I will move the item.
- 10 COMMISSIONER ROSENFELD: Second.
- 11 CHAIRPERSON PFANNENSTIEL: All in favor?
- 12 (Ayes.)
- 13 CHAIRPERSON PFANNENSTIEL: Thank you,
- Mr. Pryor.
- 15 Item 3, possible approval of a \$776,000
- 16 loan to the City of Santa Rosa, located in Sonoma
- 17 County, to implement energy efficiency projects at
- 18 the City's Meadowlane and Rohnert Park Pumping
- 19 Stations. Good morning.
- MR. CHAUDRY: Good morning, Ms.
- 21 Chairwoman, and good morning, Commissioners. I'm
- 22 Shahid Chaudry with the public programs office.
- 23 And I'm here today to request your
- 24 approval for a loan of \$776,000 for the City of
- 25 Santa Rosa. The city wants to use this amount to

1 implement energy efficiency projects at their two

- 2 pumping stations. And that includes modifying
- 3 pumping stations, adding controls and using VSPs.
- 4 It's estimated that once these projects
- 5 are done, the city would be able to save about 1
- 6 million kilowatt hour of electricity a year, which
- 7 translates roughly into 400 tons of CO2
- 8 reductions. In addition to saving about \$100,000
- 9 a year from these projects.
- 10 The loan request is in compliance with
- 11 the loan guidelines. And staff has done
- 12 (inaudible) and recommends for your approval.
- 13 CHAIRPERSON PFANNENSTIEL: This is
- 14 another one of those good news projects where --
- MR. CHAUDRY: That's right.
- 16 CHAIRPERSON PFANNENSTIEL: -- the city
- 17 has come to us for a loan, where we have the money
- available, doing all the right things for it.
- 19 Are there questions on it?
- 20 COMMISSIONER ROSENFELD: I have a
- 21 trivial question. The writeup says it's either
- 22 ECA money or bond funded.
- MR. CHAUDRY: Right. Commissioner, this
- loan will be paid from bond funding. Roughly we
- 25 have about \$21.8 million both for ECA and bond

```
1 funding.
```

- There's about \$12 million for ECA, and
- 3 remaining 8.5 million is from bond; but this money
- 4 will come out of bond funding.
- 5 COMMISSIONER ROSENFELD: Thank you. I
- 6 move the item.
- 7 COMMISSIONER DOUGLAS: Second.
- 8 CHAIRPERSON PFANNENSTIEL: All in favor?
- 9 (Ayes.)
- 10 CHAIRPERSON PFANNENSTIEL: Thank you
- 11 very much.
- MR. CHAUDRY: Thank you.
- 13 CHAIRPERSON PFANNENSTIEL: Item 4,
- 14 possible approval of City of Palo Alto locally
- 15 adopted energy standards for residential and
- 16 nonresidential newly constructed buildings
- 17 requiring greater energy efficiency than the 2005
- 18 building energy efficiency standards.
- 19 Good morning.
- 20 MS. EDEN: Good morning, Madam Chairman
- 21 and Commissioners. I'm Devorah Eden with the
- 22 buildings and appliances office.
- 23 Under California Public Resources Code
- section 25402.1(h)(2), it allows cities and
- 25 counties to enforce energy conservation or energy

insulation standards. In order to do so, the city

- 2 or county is required to adopt an ordinance by
- 3 their local governing body of the city or county
- 4 at a public meeting, and make a determination that
- 5 the standards are cost effective.
- 6 The city or county is then required to
- 7 file the basis of its determination that the
- 8 standards are cost effective with the Energy
- 9 Commission. And the Energy Commission then finds
- 10 that the standards are more stringent than the
- 11 current building energy efficiency standards.
- 12 Additionally, through this process,
- 13 Energy Commission Staff asks that the city or
- 14 county provide education, training and other
- 15 support, as needed, to their building department
- staff to enable them to effectively enforce the
- 17 current statewide standards, as well as their
- 18 proposed standards.
- 19 So the City of Palo Alto, on September
- 20 13th, submitted an application for approval of
- their ordinance, their green building ordinance.
- Their proposed ordinance requires LEED silver
- 23 certification for newly constructed commercial
- 24 buildings greater than 25,000 square feet. And a
- 25 minimum of 70 green point checklist points for all

1 newly constructed multifamily, single family and

- 2 two-family residential buildings 1250 square feet
- 3 or greater.
- 4 So this measures out, for the commercial
- 5 buildings, to 14 percent greater than Title 24,
- 6 and for the residential buildings 15 percent
- 7 greater than the current standards. And they have
- 8 met all requirements as far as cost effectiveness
- 9 analyses.
- 10 And we recommend that the ordinance be
- 11 approved. And I'm happy to answer any questions.
- 12 CHAIRPERSON PFANNENSTIEL: Thank you
- very much. I think we probably ask this every
- 14 time it comes up. Any idea how many other cities
- 15 and counties have ordinances that exceed our Title
- 16 24?
- MS. EDEN: Currently, --
- 18 CHAIRPERSON PFANNENSTIEL: Yes.
- 19 MS. EDEN: -- or that are applying?
- 20 Currently we have approved 15. And
- 21 there are two that have made phone contact and are
- in the process of revising and preparing.
- 23 Hopefully in the next couple of months we should
- see them come through.
- 25 CHAIRPERSON PFANNENSTIEL: That's great.

```
1 Now, these are, and I assume the 15 currently are,
```

- 2 more stringent than our 2005 building standards?
- MS. EDEN: Yes. One of them was an
- 4 early adoption and one of them requires
- 5 photovoltaics, and all the others exceed the
- 6 standards by 10 to 15 percent generally.
- 7 CHAIRPERSON PFANNENSTIEL: But, of
- 8 course, --
- 9 COMMISSIONER ROSENFELD: But that's 15
- 10 percent over 2005 --
- 11 CHAIRPERSON PFANNENSTIEL: I was just
- going to ask about 2008, the new standards.
- 13 COMMISSIONER ROSENFELD: Oh, good.
- 14 CHAIRPERSON PFANNENSTIEL: That --
- MS. EDEN: They will need to reapply
- when the compliance software is available and
- 17 resubmit their applications with the 2008 standard
- 18 compliance software. And as far as I know they
- 19 all intend to --
- 20 CHAIRPERSON PFANNENSTIEL: To do that.
- MS. EDEN: -- to do that.
- 22 CHAIRPERSON PFANNENSTIEL: Now, Palo
- 23 Alto at 14 and 15 percent above our 2005, they
- 24 might actually be above the 2008, do you think?
- 25 MS. EDEN: It would probably be by a few

```
percentage points. It would depend --
```

- 2 CHAIRPERSON PFANNENSTIEL: Because I'm
- 3 just thinking of the issue within the city, having
- 4 to go and redo their standards so soon since 2008
- 5 standards will be in effect shortly.
- 6 MS. EDEN: Yes, they're often driven by
- their own local requirements, AB-32 requirements.
- 8 So they want to get things moving sooner rather
- 9 than later. And they do intend to continue to
- 10 exceed standards by 15 percent or more when the
- 11 new standards come out.
- 12 So we'll see what those look like when
- 13 they resubmit.
- 14 CHAIRPERSON PFANNENSTIEL: Do we have
- 15 much information from the other 14, or is this the
- 16 15th or 16th, in terms of the difficulty? Or do
- 17 we have -- have we heard of controversies of the
- builders in those communities able to do this,
- 19 obviously cost effectively, or they wouldn't have
- 20 it approved.
- 21 But we haven't heard any problems with
- 22 this?
- MS. EDEN: The enforcement group might
- 24 be more informed. I have not heard anything as
- far as builders. I heard there's some controversy

```
1 as far a the green package in general, but I
```

- 2 haven't heard issues regarding the energy
- 3 component, itself.
- 4 CHAIRPERSON PFANNENSTIEL: And the last
- 5 question. Do you have a sense of -- Palo Alto is
- 6 a pretty well already developed city. I don't
- 7 know how much construction there is going on in
- Palo Alto, probably not a great deal.
- 9 Are most of the other cities who are in
- 10 that category, older, kind of developed cities, or
- 11 are there any real high-growth, lot-of-
- 12 construction-going-on cities, do you know?
- 13 MS. EDEN: As far as the ones that have
- 14 already been approved? Well, San Francisco, I
- think they have a lot of multifamily high-rise;
- Marin County's looking at the larger homes and
- 17 they're trying to kind of rope in the energy use
- in some of the larger homes.
- 19 So, it kind of varies by area. I think
- 20 some are experiencing some sprawl into their
- 21 suburban areas.
- 22 CHAIRPERSON PFANNENSTIEL: It would be
- 23 interesting -- I see Mr. Pennington moving to the
- 24 mike to contribute to this.
- 25 (Laughter.)

1 COMMISSIONER ROSENFELD: Now we're going

- 2 to get the word.
- 3 MR. PENNINGTON: There are a few more
- 4 residential oriented communities like Palm Springs
- 5 and Rohnert Park that have been approved by the
- 6 Commission in the past that are having quite a bit
- 7 of residential development, as well.
- 8 CHAIRPERSON PFANNENSTIEL: I just think
- 9 it --
- 10 MR. PENNINGTON: I mean we could
- 11 probably respond to your question one by one, --
- 12 CHAIRPERSON PFANNENSTIEL: No. I just
- think it might be an interesting piece of
- 14 information to give to the Commission about these
- 15 that exceed our standards. And whether that can,
- say, help us for future standard-setting.
- 17 If some of these are willing to go
- 18 farther even in, you know, high construction area,
- 19 you know, maybe that gives us some guidance into
- 20 how much farther we can go in each of our rounds
- of standard setting.
- MR. PENNINGTON: Generally these
- 23 proposals that we've approved are in the 15 to 20
- 24 percent range beyond our standards. And we're not
- getting negative comments from any front that I'm

```
1 aware of that that's unduly difficult.
```

- 2 Our New Solar Homes Partnership has been
- 3 successful in that level at tier one; and the tier
- 4 two levels at 35 percent. And about 75 percent of
- 5 the homes that are coming through the New Solar
- 6 Homes Partnership are being built at 35 percent
- beyond standards, 2005 standards.
- 8 CHAIRPERSON PFANNENSTIEL: Right, so
- 9 it's saying to me that maybe we should either
- increase the frequency with which we set the
- 11 building standards, or maybe we push further each
- 12 time than we have.
- MR. PENNINGTON: To get to zero net
- 14 energy by 2020 we're going to have to stay pretty
- much on a three-year update cycle and make
- substantial incremental improvements each time.
- 17 CHAIRPERSON PFANNENSTIEL: And that is
- 18 very good news.
- 19 MR. PENNINGTON: At least 15 percent
- 20 each time.
- 21 COMMISSIONER ROSENFELD: Bill, could you
- remind us if you compare 2008 Title 24 with 2005,
- what's the gain there?
- 24 MR. PENNINGTON: It varies by climate
- 25 zone for residential --

1	COMMISSIONER	ROSENFELD:	Of	course.
---	--------------	------------	----	---------

- 2 MR. PENNINGTON: -- dramatically. The
- 3 average is around 15 percent, 14, 15 percent. You
- 4 asked about Palo Alto. I think that's not a
- 5 inland hot climate zone; it's climate zone 4. And
- 6 I think that that percentage savings in the new
- 7 standards is more like 7 percent or something like
- 8 that.
- 9 So this will be farther than what the
- 10 2008 standards would require for that climate
- 11 zone, I think.
- 12 Related to nonresidential buildings the
- 13 new standards increase the stringency by, you
- 14 know, it's very building-specific; it's very much
- 15 targeted to what are the features of the building
- 16 and how could you improve the energy efficiency of
- 17 those features. So it's kind of harder to
- 18 generalize over a population of buildings. But
- 19 probably more likely on the order of 5 to 6
- 20 percent for the 2008 residential standards.
- 21 So, this proposal is at 14 percent. I
- think that will definitely comply with the 2008
- 23 standards.
- 24 MS. EDEN: I do want to point out, also,
- 25 that those that are continuing with the green

point rated and LEED programs, those programs will

- 2 change with our standards, with the 2008
- 3 implementation date. They will continue to
- 4 require at least 15 percent beyond our 2008
- 5 standards. So they will continue to stretch those
- 6 that certify through their programs.
- 7 CHAIRPERSON PFANNENSTIEL: Other
- 8 questions? Commissioner Byron.
- 9 COMMISSIONER BYRON: This just continues
- 10 to be one of the best things, obviously, that we
- 11 do here. I wanted to let Ms. Eden know you may be
- 12 hearing from some other cities in the Silicon
- 13 Valley area.
- 14 I was at a joint venture Silicon Valley
- 15 Initiative last week with a number of cities and
- 16 the local counties, where they've created -- where
- 17 they're pursuing a new energy efficiency building
- 18 initiative.
- 19 And, of course, we reiterated this
- 20 program. I didn't even know about Palo Alto at
- 21 the time. But I would hope that you'll hear from
- 22 more cities in the Bay Area as a result.
- 23 And, of course, Madam Chairman, we also
- reiterated the real gain here is with point-of-
- sale legislation that would really change the

1	playing	fiald	
⊥	prayring	TTETU	

- 2 COMMISSIONER ROSENFELD: The real
- 3 potential gain.
- 4 COMMISSIONER BYRON: Yes. So, again, I
- 5 would like to thank you and commend you for all
- 6 this good work.
- 7 CHAIRPERSON PFANNENSTIEL: Yes.
- 8 EXECUTIVE DIRECTOR JONES: And I quess I
- 9 would just note that with regard to the local
- 10 government programs in energy efficiency we are
- 11 looking at doing more outreach and getting the
- word out that we have these programs, trying to
- 13 attract more people into it and make it easier for
- 14 people to get in.
- 15 CHAIRPERSON PFANNENSTIEL: And also we
- will be trying to get local governments to do
- 17 their own time-of-sale ordinances where we can,
- 18 because they can, they have the ability to do
- that, capture the savings within their own
- 20 municipality.
- 21 COMMISSIONER BYRON: Good.
- 22 CHAIRPERSON PFANNENSTIEL: Other
- 23 questions?
- 24 COMMISSIONER ROSENFELD: I'm ready to
- 25 move the item.

1 COMMISSIONER BYRON: I'll second the

- 2 item.
- 3 CHAIRPERSON PFANNENSTIEL: All in favor?
- 4 (Ayes.)
- 5 CHAIRPERSON PFANNENSTIEL: Thanks very
- 6 much.
- 7 MS. EDEN: Thank you.
- 8 CHAIRPERSON PFANNENSTIEL: Item 5,
- 9 possible approval of a \$651,370 loan to the Loomis
- 10 Union Unified School District to install several
- energy efficiency projects, including lighting,
- 12 equipment controls, heating, ventilation, air
- 13 conditioning upgrades and replacements.
- Good morning.
- MS. HEINZ: Good morning. I'm Jane
- 16 Heinz and I am asking for your approval on this
- 17 loan. What isn't stated here, I guess, on the
- 18 agenda includes the CO2 reduction. And that's 182
- 19 tons.
- 20 Also I wanted to point out that part of
- 21 this program would be to install the new ICLS, or
- 22 integrated classroom lighting system, into the two
- 23 schools in this school district. That was also
- 24 developed with money from the PIER program. And
- it was demonstrated, as well, at the California

```
1 Lighting Technology Center in Davis.
```

- 2 So FineLight is the contractor. And
- 3 they are going to be providing this more highly
- 4 efficient classroom lighting system. And that's
- 5 going to drive up savings quite a bit.
- 6 So that it enables the district to come
- 7 within the requirements of the ECA program for
- 8 payback of right at ten years, because they're
- 9 replacing so many HVAC units in both of these 50-
- 10 year-old schools.
- 11 CHAIRPERSON PFANNENSTIEL: Excellent.
- 12 Any discussion, questions?
- 13 COMMISSIONER ROSENFELD: I move item 5.
- 14 VICE CHAIRPERSON BOYD: Second.
- 15 CHAIRPERSON PFANNENSTIEL: All in favor?
- 16 (Ayes.)
- 17 CHAIRPERSON PFANNENSTIEL: Thank you,
- Jane.
- MS. HEINZ: Okay.
- 20 CHAIRPERSON PFANNENSTIEL: Item 6,
- 21 possible approval of contract 400-08-002 for
- 22 \$132,100 with Gilbert Associates, Inc., to provide
- independent accounting and compliance auditing
- 24 services for the energy efficiency master trust
- 25 revenue bond program. Ms. Heinz.

1	MS. HEINZ: This is an independent
2	accounting firm that provides the audit to the
3	bond program. They have provided the audit to the
4	bond program since its inception in 2003.
5	They've been competitive in every
6	solicitation that we've had. And again, they
7	were we hopefully will award them this
8	contract. We're asking for your approval.
9	We did have two bidders, and Gilbert was
10	successful in this solicitation. Bond documents
11	require independent audit of our accounting
12	procedures so that we can retain our tax-exempt
13	status, or that's part of it.
14	And so we're asking for your approval.
15	CHAIRPERSON PFANNENSTIEL: Thank you.
16	Are there questions? Is there a motion?
17	VICE CHAIRPERSON BOYD: Move approval.
18	COMMISSIONER ROSENFELD: Second.
19	CHAIRPERSON PFANNENSTIEL: All in favor?
20	(Ayes.)
21	CHAIRPERSON PFANNENSTIEL: Thank you.
22	MS. HEINZ: Thank you.
23	CHAIRPERSON PFANNENSTIEL: Item 7,
24	possible approval of amendment to the contract
25	700-05-002 with Aspen Environmental Group for a

1 no-cost time extension of one year, and changes to

- 2 the scope of work, including assistance in, one,
- 3 developing a natural communities conservation plan
- 4 for selected areas of California; two, identifying
- 5 sites for renewable power plant development in the
- 6 state; three, developing a solar power plant
- 7 programmatic environmental impact statement; and,
- 8 four, developing best management practices to
- 9 facilitate the development of renewable resources,
- 10 while minimizing environmental impacts.
- 11 Good morning.
- MR. MERRILL: Good morning,
- 13 Commissioners. I am Joseph Merrill with the
- 14 siting, transmission and environmental protection
- 15 division.
- We briefed the Siting Committee
- 17 yesterday about requests. The purpose of the
- 18 proposed contract amendment is to extend the
- 19 contract term for one year, and change the scope
- 20 of work to add technical support for anticipated
- 21 work on siting renewable generation and
- 22 transmission.
- 23 And the four activities that you already
- 24 mentioned will be in response to policy design to
- increase California's use of renewable resources.

The current contract, it's actually 1 2 known as the siting and planning peak work load 3 contract, was originally executed on April 11, 4 2006. At the time it was an \$18.6 million 5 contract to support the Energy Commission's power plant licensing programs, as well as to conduct 6 policy studies in the area of transmission system, natural gas system and electricity system 8 technical areas. 9 In January of 08 the budget was 10 11 augmented through amendment 1, and it was 12 increased by about \$4.9 million to \$23.5 million, 13 in order to insure enough spending authority to 14 get through extended peak workload that we've been 15 experiencing in the last few years, and we expect to continue for at least several years. 16 17 Based on current siting case filing and 18 workload projections, staff does believe there is still adequate spending authority left in the 19 20 current contract to support the expected siting case load and to fund about \$400,000, which is a 21 22 partial completion of this work, which will

24 And so therefore no additional funding 25 is being requested. And I open the floor to

probably happen for several years.

```
1 questions.
```

- CHAIRPERSON PFANNENSTIEL: Are there
- 3 questions? Any discussion?
- 4 COMMISSIONER BYRON: I think it merits
- 5 some comment. We did review this extensively
- 6 yesterday in the Siting Committee.
- 7 The workload continues to increase. I
- 8 think the projection is that we anticipate as many
- 9 as seven more applications before the end of the
- 10 year, possibly an additional seven before the end
- 11 of the fiscal year. And I believe our current
- workload is as high as it's ever been.
- MR. MERRILL: It is.
- 14 COMMISSIONER BYRON: So, --
- MR. MERRILL: Well, maybe not 2001, but
- 16 lately.
- 17 COMMISSIONER BYRON: Yes. So it is
- 18 always extraordinary, the staff has to figure out
- 19 how to get the resources in order to keep up with
- 20 that. And I'm generally satisfied that they have
- 21 a plan here to do that, including coming back to
- 22 us. Can you remind me, Mr. Merrill, when you'll
- 23 be coming back to us for additional resources, or
- I should say to renew -- no, renew is not the
- 25 right word -- to initiate a new contract?

1		MF	R. MI	ERRILL:	Yeah	. W	e pla	an t	to re	lease,
2	well,	maybe	not	release,	but	we	plan	to	turn	into

- 3 the contracts office within the next month, an RFQ
- 4 to competitively bid the next contract, which will
- 5 be another three-year contract.
- 6 And we plan on possibly still getting in
- 7 on the November 12th Siting Committee meeting to
- 8 discussed that.
- 9 COMMISSIONER BYRON: So, barring any
- 10 other agency intervention we'll hopefully not have
- 11 an interruption of the services that we'll need to
- 12 continue with this workload.
- So, I'd certainly recommend this.
- 14 Commissioner Douglas?
- 15 COMMISSIONER DOUGLAS: I would just add
- that the siting division has, even as it faces
- 17 very high levels of its traditional workload,
- 18 siting in particular natural gas power plants,
- 19 they've also gotten increasing applications for
- 20 renewable energy. And are being asked to step up
- 21 and really undertake a number of proactive
- 22 initiatives to facilitate future siting of
- 23 renewable energy, which is, in part, what some of
- the expansion of scope in this contract covers.
- 25 And this is very important work. And

1 I'm very pleased at how they have stepped up and

- 2 are finding a way to make it happen.
- 3 VICE CHAIRPERSON BOYD: That was the
- 4 part of this proposal that intrigued me and
- 5 interested me the most, since we all have been
- 6 subjected to the issues around the siting of
- 7 renewable facilities. Maybe in particular of
- 8 late, the solar power plants and the extreme
- 9 interest in them. And the thought on the part of
- 10 many people that they are the ultimate solution
- versus the thought of many people that they are
- going to be the despoilers of a new section of our
- 13 environment.
- 14 So I was very glad to see that the work
- that's going to be undertaken here will try to
- 16 address and straighten out some of those problems.
- 17 Because there's a lot of people have a lot of
- 18 varying concerns. And there's an extreme lack of
- 19 knowledge and information available to the public,
- at least. So, a very good piece of work.
- 21 CHAIRPERSON PFANNENSTIEL: I, for one,
- am glad to see the extension of what is the
- 23 appropriately named peak load contract. We really
- do need these additional resources.
- 25 Is there a motion? Further questions?

```
COMMISSIONER BYRON: However, if I may
 1
 2
         add one more thing. It was also pointed out to
 3
         the Siting Committee that despite the fact that we
 4
         keep increasing these outside resources, it still
 5
         takes people internal to manage them.
                   And the way the accounting goes,
 6
         contract services don't require a ratio of
         employees to supervision doesn't increase
 8
 9
         proportionately in the siting -- I'm sorry, what's
10
         the complete name of the new division again?
11
         Siting --
12
                   MR. MERRILL: Siting transmission --
13
                   COMMISSIONER BYRON: -- transmission --
14
                   MR. MERRILL: -- and environmental
15
         protection.
                   COMMISSIONER BYRON: Thank you. And so
16
17
         that does create some problems. And there are
18
         some issues at stake right now with regard to
19
         approval and budget change proposals that are
20
         working through the system that we're hopeful will
         be rectified. But we're not getting all the
21
22
         resources that we need internally to manage all of
23
         this.
24
                   Ms. Jones, did you want to speak to
```

this?

1	EXECUTIVE DIRECTOR JONES: Yeah, and I
2	would just add that I think everyone recognizes
3	that we have difficulty, especially in this area,
4	with our classifications and the pay levels. And
5	we are trying to work with DPA to resolve some of
6	those issues, but it's been very difficult to
7	retain staff in the siting program. They see
8	other opportunities in other classifications that
9	afford them the ability to make more money.
10	And so we have a big challenge there.
11	We're trying to work through DPA, but that's a
12	long and arduous process.
13	COMMISSIONER BYRON: And, of course, I
14	suggested yesterday in committee that we put in a
15	BCP for a couple of additional Commissioners to
16	handle this
17	(Laughter.)
18	COMMISSIONER BYRON: But that was met
19	with a similar response.
20	CHAIRPERSON PFANNENSTIEL: I didn't know
21	that was an option.
22	(Laughter.)
2.3	CHAIRPERSON PEANNENSTIEL: Not a bad

Is there a motion on the item 7?

idea.

24

```
1 COMMISSIONER BYRON: I'll move the item.
```

- 2 COMMISSIONER DOUGLAS: Second it.
- 3 CHAIRPERSON PFANNENSTIEL: All in favor?
- 4 (Ayes.)
- 5 CHAIRPERSON PFANNENSTIEL: Thank you,
- 6 Mr. Merrill.
- 7 MR. MERRILL: Thank you.
- 8 CHAIRPERSON PFANNENSTIEL: Item 8,
- 9 possible approval of the California Utility
- 10 Allowance Calculator. The CUAC, developed by the
- 11 Energy Commission, is designed to create project-
- 12 specific utility allowance estimates for
- affordable and multifamily housing projects.
- Good morning.
- MR. OWNBY: Good morning, Commissioners.
- My name is Adrian Ownby; I'm with the buildings
- 17 and appliance division. And I'll be presenting
- instead of Sandy Miller today.
- 19 I'd like to give you some background on
- 20 the development of the California Utility
- 21 Allowance Calculator, and address some of the
- 22 implications of your approval of it, and talk
- about the next steps pending your approval.
- 24 The genesis of the California Utility
- 25 Allowance Calculator was a recommendation from the

NSHP affordable housing advisory committee made in 2 2007.

The advisory committee identified two issues that were blocking the adoption of solar in affordable housing. The first being the metering issue. But the second being the current system of estimating utility allowances.

Restricted affordable housing rent is defined as a gross rent. That is, it's the cost of utilities, aka the utility allowance, and the rent that's paid.

Prior to July of 2008 affordable housing utility allowances were generally developed according to federal regulations by local housing agencies, and were typically based on an existing aging housing stock. A second rarely-used option being the utility allowance developed by a utility for a particular project.

In response to the advisory committee's recommendation the Commission began development of the California Utility Allowance Calculator in mid 2007 through a contract with KEMA, administered through the renewables office. KEMA developed the beta version of the calculator in late 2007 and continued to refine it through the first half of

1	\sim	\cap	\cap	8	
1	4	U	U	0	

24

25

2	In July of 2008 there was a major change
3	in the federal policy when the IRS issued new
4	utility allowance regulations. The new
5	regulations allowed the option of a project-
6	specific energy consumption model utility
7	allowance developed by qualified professionals
8	that are approved by the state housing tax credit
9	agency. In California that agency is the
LO	California Tax Credit Allocation Committee.
L1	That's an option that was a perfect fit for the
L2	California Utility Allowance Calculator.
L3	The IRS regulatory change allowed the
L4	accelerated development of the calculator by
L5	removing the requirement of utility approval from
L6	the process.
L7	In late August staff met with the
L8	Executive Director of the Tax Credit Allocation
L9	Committee. And as a result of that meeting, moved
20	forward on finalizing the utility allowance
21	calculator to coincide with the next round of
22	regulatory changes for the Tax Credit Allocation
23	Committee.
24	On October 22nd, staff held a workshop

to demonstrate the utility allowance calculator.

1 We made a special effort to reach out to the

2 affordable housing development and management

3 community. And as a result we had over 60

4 participants representing 40 public and private

5 agencies at that workshop. And the affordable

6 housing community's reaction was generally very

7 enthusiastic.

So, what will the approval of this calculator mean to the California affordable housing industry? The impact's going to be situational, depending on decisions that individual developers make.

Using the increased rent income for operating expenses or even profit-taking will result in an increased ability to maintain these affordable housing projects. There will be less deferred maintenance, that's one of the chronic issues with affordable housing. Increased financial stability for these projects. And a possible increased attractiveness of these projects as investments.

Using the increased net rent for debt service will very likely result in increased investment in cost effective, energy efficiency, and solar investments.

1 For example, a smaller project, 15-unit

- 2 project, with just a \$15 increase in -- or
- 3 decrease in the utility allowance and increase in
- 4 the net rent will result in the ability to support
- 5 over \$100,000 in additional debt.
- 6 However, what that really means, given
- 7 the leveraging that goes into affordable housing
- 8 finance, that may be between \$400- and \$600,000 in
- 9 additional improvements to the project.
- 10 For the tenants they'll be trading off,
- 11 either depending on the developer's choices here,
- 12 either a better place to live, that is a better-
- maintained place to live in all likelihood. Or a
- 14 more comfortable, energy efficient units that are
- 15 protecting them somewhat from utility cost
- increases.
- 17 The utility allowance calculator means,
- 18 for California in general, more affordable housing
- 19 will be built that was not considered viable
- 20 previously because of the increased net cash flow.
- 21 More affordable housing will be built in certain
- 22 places where there's a deeper schism between the
- 23 previously calculated utility allowances and the
- 24 actual utility costs.
- 25 And there, of course, will be a

1 decreased energy consumption and greenhouse gas

- 2 emissions as a result of the adoption of more PV
- 3 systems and increased energy efficiency.
- 4 Do you have any questions at this point?
- 5 CHAIRPERSON PFANNENSTIEL: Are there
- 6 questions?
- 7 Let me just comment that in a past life
- 8 I worked in this area of trying to do the utility
- 9 calculations for affordable housing for public
- 10 agencies. And it was very difficult because the
- 11 people in public agencies don't know much about
- 12 utility bills and allowances. And so I think this
- is just a -- besides being valuable, as it is, for
- our solar program, I think it's a very valuable
- 15 contribution to the energy situation in
- 16 California.
- 17 COMMISSIONER ROSENFELD: One wonders, in
- 18 fact, why it took this long. But --
- 19 CHAIRPERSON PFANNENSTIEL: Well, partly
- 20 it's all federally -- the rules are federal and
- 21 the implementation tends to be county to county.
- 22 And so nobody really -- and the utilities had a
- 23 role, but weren't very enthused about it.
- 24 So I'm really glad that the Energy
- 25 Commission stepped up and made this contribution.

```
1 COMMISSIONER ROSENFELD: I'm really
```

- 2 glad, too. And I move item 8.
- 3 COMMISSIONER BYRON: Second.
- 4 CHAIRPERSON PFANNENSTIEL: All in favor?
- 5 (Ayes.)
- 6 CHAIRPERSON PFANNENSTIEL: Thank you
- 7 very much.
- 8 MR. OWNBY: Thank you.
- 9 CHAIRPERSON PFANNENSTIEL: That's a good
- 10 job.
- 11 Item 9, possible approval of interagency
- agreement 500-08-018, -- and then the amount is
- omitted from the agenda, let me read it in -- for
- \$285,650, with the Regents of the University of
- 15 California at Davis, Center for Watershed
- Sciences, for research on amphibian and related
- 17 species that are affected by hydropower
- 18 operations.
- 19 Good morning.
- 20 MR. O'HAGAN: Good morning, Chairman
- 21 Pfannenstiel and Commissioners. My name is Joe
- O'Hagan; I'm in the research and development
- environmental area.
- 24 And the proposed interagency agreement
- 25 before you that I'm asking your approval for is to

1 enhance and validate a model that is used to

2 evaluate the effects of hydropower discharges on a

3 amphibian species of special concern.

The overall objective of this proposal is to provide decisionmakers dealing with the hydropower relicensing projects a scientific tool that they could better balance hydropower

generation and protection of the species.

As you know, nonfederal hydropower

projects in California need to be relicensed by the Federal Energy Regulatory Commission. And

these licenses are for 30 to 50 years.

And over the last decade and over the next decade, quite a few projects in California will be up for relicensing. Within the next five years it's about 1100 megawatts worth of hydropower generation. And going out ten years it's almost another 3000 megawatts.

The purpose of the interest in protecting this specific amphibian, which is the foothill yellow-legged frog, is that this is a species of special concern, which is category just below endangered or threatened. That this species has suffered significant population declines. It occurs from the bottom of the California Sierra

1 Nevada foothills up to about 6000 feet, which is

- where most of our hydropower projects are located.
- 3 And these drastic declines in population
- 4 have been tied to hydropower operations. The
- 5 proposed model is to look at how ramping flows
- from hydropower facilities affect the frogs when
- 7 they lay their eggs in the streambed, or tadpoles
- 8 get washed away, or stranded when flows decline.
- 9 This is a little bit over a two-year
- proposed project. And there's a \$47,840 match
- 11 fund from the National Fish and Wildlife
- 12 Foundation for this research.
- Thank you.
- 14 CHAIRPERSON PFANNENSTIEL: Are there
- 15 questions?
- 16 VICE CHAIRPERSON BOYD: A comment, if I
- 17 might, in definite support of this proposal. In a
- 18 previous life, myself, --
- 19 COMMISSIONER BYRON: As a tadpole?
- 20 (Laughter.)
- 21 VICE CHAIRPERSON BOYD: I have felt like
- that on occasion. Both in the Resources Agency
- 23 and the Department of Fish and Game, dealing with
- 24 these questions, relative to FERC relicensing and
- 25 hydroplants, was a very lonely experience.

1	And when I was Deputy Secretary of
2	Resources and we got the Energy Commission more
3	involved, maybe over their protestations, in this
4	process, with the knowledge that they had and the
5	information they could get through this program,
6	the PIER program, it was extremely helpful to
7	basically the only two agencies that did anything
8	in this arena were the Water Board and the
9	Department of Fish and Game. And the Resources
10	Agency was quite concerned about that.
11	So I am very supportive of the work and
12	appreciative of the work that has been done, and
13	the work that would be done under this contract.
14	So, thank you, Joe.
15	MR. O'HAGAN: Thank you, Commissioner
16	Boyd.
17	VICE CHAIRPERSON BOYD: And I guess I'll
18	move approval of it.
19	COMMISSIONER ROSENFELD: Second.
20	CHAIRPERSON PFANNENSTIEL: Before
21	yes,
22	COMMISSIONER BYRON: Well, Commissioner
23	Boyd, you know, long service in the state, has a

24

25

lot more knowledge about how this process works.

I've only been here a short period of time, but I

1 can -- I mean this kind of research and the

- 2 potential results are quite alarming, not being
- 3 aware of the impact that these dams are having.
- 4 And now seeing how this process works.
- 5 When this organization takes on research like
- 6 this, it oftentimes gets used later on, because
- 7 it's pretty definitive work.
- 8 And I think we should all pay attention
- 9 that this could be a potential problem here in
- 10 subsequent -- to subsequent Commissioners than
- 11 myself. Probably in a five- to ten-year timeframe
- 12 certainly these dams could be at risk.
- 13 So I certainly applaud the work, as
- 14 well. But it is troubling what the potential
- 15 results, the impact of the potential results could
- 16 be.
- 17 VICE CHAIRPERSON BOYD: Well, it's a
- 18 contest between dams at risk and the environment
- 19 at risk. So, we need to know the right answers.
- 20 COMMISSIONER BYRON: Absolutely.
- 21 CHAIRPERSON PFANNENSTIEL: Moved and
- 22 seconded. Any other further discussion?
- 23 All in favor?
- 24 (Ayes.)
- 25 CHAIRPERSON PFANNENSTIEL: Thank you.

1	MR. O'HAGAN: Thank you very much.
2	CHAIRPERSON PFANNENSTIEL: Okay,
3	approval of minutes. October 8th business meeting
4	without Commissioner Boyd. Somebody move the
5	minutes?
6	COMMISSIONER DOUGLAS: Move approval.
7	COMMISSIONER ROSENFELD: Second.
8	CHAIRPERSON PFANNENSTIEL: All in favor?
9	(Ayes.)
10	VICE CHAIRPERSON BOYD: Abstain.
11	CHAIRPERSON PFANNENSTIEL: Approval of
12	October 22nd business meeting without myself and
13	Commissioner Byron.
14	VICE CHAIRPERSON BOYD: Move approval.
15	COMMISSIONER ROSENFELD: Second.
16	CHAIRPERSON PFANNENSTIEL: In favor?
17	(Ayes.)
18	CHAIRPERSON PFANNENSTIEL: Abstain.
19	COMMISSIONER BYRON: Abstain.
20	CHAIRPERSON PFANNENSTIEL: Committee
21	discussions. Let me just say, just sort of
22	procedurally, we do have a couple of changes to
23	upcoming business meetings.
24	The November 19th business meeting,
25	which is actually our next one, has been moved to

```
the 20th. So it will be instead of a Wednesday
```

- business meeting, it will be a rare Thursday
- 3 business meeting. So please make that change.
- 4 And we have decided to cancel the New
- 5 Years Eve business meeting. I know that will be
- of great concern to people.
- 7 COMMISSIONER ROSENFELD: I really don't
- 8 have to erase it in my diary.
- 9 (Laughter.)
- 10 CHAIRPERSON PFANNENSTIEL: I think that
- 11 we can survive without doing --
- 12 VICE CHAIRPERSON BOYD: Probably was in
- jeopardy anyway, huh?
- 14 CHAIRPERSON PFANNENSTIEL: Yeah, I think
- 15 it was probably in jeopardy. But I just thought
- it was better for staff and parties to know in
- 17 advance that there will not be a business meeting.
- 18 So if something has to happen by the end of the
- 19 year, they have to do the mid-December business
- 20 meeting.
- 21 Other Commission discussion? Yes,
- 22 Commissioner Byron.
- 23 COMMISSIONER BYRON: I think it just
- 24 merits mentioning that yesterday was a rather
- extraordinary day for this country with the

1 election of a new president. And will have, no

- 2 doubt, significant implications with regard to
- 3 energy issues going forward, and the work in this
- 4 state and this Commission.
- 5 So, I think --
- 6 CHAIRPERSON PFANNENSTIEL: I think we're
- 7 all waiting with bated breath to see the cabinet
- 8 and how the Administration shapes up.
- 9 COMMISSIONER BYRON: Um-hum. So, I just
- 10 think it's worthy of mention here that a C change
- 11 has taken place.
- 12 CHAIRPERSON PFANNENSTIEL: A C change,
- indeed. Other discussion? No.
- 14 Chief Counsel report, Mr. Chamberlain.
- 15 CHIEF COUNSEL CHAMBERLAIN: Thank you,
- 16 Madam Chairman. Just very briefly, last week I
- 17 attended, along with Chairman Pfannenstiel,
- 18 meetings of the Western Interstate Energy Board
- 19 and the Committee on Regional Power Cooperation.
- Those meeting were focused on some of
- 21 the same issues that you were talking about this
- 22 morning, how to get renewable power from the
- 23 remote locations that it exists in in the west to
- 24 the load centers. And the transmission upgrades
- 25 that are necessary.

1 There is a western renewable energy zone

- 2 project that the Western Governors Association has
- 3 asked the Interstate Energy Board to carry out.
- 4 It's a four-phase project. And the first phase
- 5 they've pretty much completed, which is
- 6 identification of the zones.
- 7 They're working now on the transmission
- 8 expansion plans. And the more difficult things
- 9 will be, of course, getting all the states
- 10 together to site these facilities. And then the
- 11 cost-allocation issues.
- 12 I think the hope is that the federal
- 13 government might come through to allow the super-
- 14 sizing, this is Doug Larsen's word -- super-sizing
- of lines so that we be sure that in the rare, or
- 16 not rare, but the precious rights-of-way that we
- 17 can develop, that we develop all the transmission
- 18 that we need to get all of those renewable energy
- 19 resources, rather than finding ten years later
- that now we have to build yet another line. That
- 21 there's even more opposition now. And so that was
- 22 all pretty interesting.
- One of the things, I've been attending
- these meetings for a long time, and in the past I
- think my sense has always been that there's

```
1 renewable energy out there throughout the west,
```

- and it all wants to come to California.
- 3 This meeting I started to hear a
- 4 somewhat different tone, which was that other
- 5 states are realizing, and perhaps this is a result
- 6 of the Western Climate Initiative, but other
- 7 states are increasing their renewable goals.
- 8 Colorado went from 10 percent to 20
- 9 percent. And is developing wind resources, or is
- 10 working on transmission to get wind resources from
- 11 Montana and Wyoming, where they actually have wind
- 12 that peaks during the daytime, that can be
- 13 combined with their more native wind that tends to
- 14 drop off during the daytime.
- 15 So, I think that there is a lot of low-
- hanging fruit out there, and I hope that
- 17 California can get some of it.
- 18 CHAIRPERSON PFANNENSTIEL: Thanks, Bill.
- 19 It was my first meeting of both groups. And I was
- 20 extremely impressed by, I think, two items.
- 21 One is the fact that they are talking
- regionally about so much of what we're talking
- 23 about within California. They have the same
- climate concerns, the same need to interconnect.
- 25 I mean all of that. So, it was what we're saying

in California, but we're not the only ones saying

- 2 it, I guess, was the one point.
- The other point is that there's a lot of
- 4 work, I mean actual work, underway right now to do
- 5 a lot of these regional interconnections. More
- 6 than I had realized.
- 7 There was at least on FERC Commissioner,
- 8 Suedeen was there when I left. I don't know if
- 9 the other Commissioner had arrived. So it is
- 10 clearly understood nationally that these regional
- groups are going to make the difference. And they
- 12 are now getting very tactical about what their
- first steps are going to be.
- I just found it to be really an eye-
- opening experience. We tend, or I tend to go
- 16 California to Washington, California to
- 17 Washington, and haven't spent as much time in the
- 18 regional activities as I should. And I'm, you
- 19 know, highly commend those activities to my other
- 20 Commissioners.
- 21 COMMISSIONER BYRON: If I may, we're
- going to wrestle, or begin to wrestle with this
- 23 subject a little bit more in the Electricity and
- 24 Natural Gas Committee meeting today, as well, as
- 25 to the extent to which California should be

```
1 involved in those initiatives.
```

- I mean we are, --
- 3 CHAIRPERSON PFANNENSTIEL: We are.
- 4 COMMISSIONER BYRON: -- but how much
- 5 more we should be involved with them, given the
- 6 other initiatives that we have internal to the
- 7 state. And the resources that we have here, as
- well.
- 9 So, I think it's coming down to human
- 10 resources is the issue that Commissioner Boyd and
- 11 I will begin to wrestle with that a little bit
- more this afternoon.
- 13 VICE CHAIRPERSON BOYD: I want to ask
- 14 Mr. Chamberlain a question. Bill, your comment
- 15 that this -- you know, that you're hearing more
- 16 discussions about everything not coming towards
- 17 California was interesting.
- 18 And it made me wonder how -- I mean
- 19 there is the Western Governors, through Governors
- 20 Richardson and Schwarzenegger, several years ago
- 21 passed an initiative and created what they call
- 22 CDEAC with goals and what-have-you.
- Has there ever been, you know, an
- 24 interface between that totally ratified regional
- goal and the work that's been going on in the

```
1 organizations you referenced?
```

- 2 CHIEF COUNSEL CHAMBERLAIN: Well, these
- 3 organizations really were the ones that were
- 4 responsible for carrying that out, in the same way
- 5 that now they're responsible for trying to get the
- 6 transmission in place to allow those resources to
- 7 be developed.
- 8 VICE CHAIRPERSON BOYD: Okay. My
- 9 concern was that maybe there wasn't a strong --
- 10 CHIEF COUNSEL CHAMBERLAIN: No, no, I
- 11 think --
- 12 VICE CHAIRPERSON BOYD: -- interaction.
- 13 And there is, all right. Very good.
- 14 CHAIRPERSON PFANNENSTIEL: Thank you,
- 15 Mr. Chamberlain.
- 16 Executive Director's report, Ms. Jones.
- 17 EXECUTIVE DIRECTOR JONES: Good morning.
- In the interest of brevity I have nothing to
- 19 report today.
- 20 CHAIRPERSON PFANNENSTIEL: That's good
- 21 news.
- 22 Leg Director report. Marni.
- MS. WEBER: Good morning, Chairman and
- 24 Commissioners. As Commissioner Byron noted, that
- we had a general election yesterday. There were

1 two ballot initiatives that dealt with energy

- 2 issues. And I wanted to report that both of those
- 3 initiatives did not pass the electorate. And so
- 4 we'll not be seeing them further at this time.
- 5 That's it for today.
- 6 CHAIRPERSON PFANNENSTIEL: Thank you.
- 7 They'll probably be back.
- 8 Public Adviser report.
- 9 PUBLIC ADVISER MILLER: Good morning,
- 10 Chairman and Commissioners. I just have one item
- 11 to report that tomorrow I will be traveling to
- 12 Carlsbad. There is a community forum there being
- 13 put on by the city to provide information to their
- 14 community.
- This follows a large mailing of
- 16 information. Unfortunately the mailer did not
- 17 provide adequate information on how the public can
- 18 become involved in our process here at the Energy
- 19 Commission.
- 20 And so my role is focus simply on
- 21 providing some accurate guidance to the public. I
- 22 anticipate at least a few hundred people will be
- 23 there. So it's an excellent opportunity to get
- some important information out about the Energy
- 25 Commission's process and how to get people signed

1	up on our list.
2	That's all.
3	CHAIRPERSON PFANNENSTIEL: Thank you.
4	Public comment. I have one blue card
5	from a Dr. Marius Paul. Not here? Not on the
6	phone, okay.
7	Okay, if there's no other business to
8	come before us, we'll be adjourned.
9	(Whereupon, at 11:01 a.m., the business
10	meeting was adjourned.)
11	000
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	

CERTIFICATE OF REPORTER

I, PETER PETTY, an Electronic Reporter, do hereby certify that I am a disinterested person herein; that I recorded the foregoing California Energy Commission Business Meeting; that it was thereafter transcribed into typewriting.

I further certify that I am not of counsel or attorney for any of the parties to said meeting, nor in any way interested in outcome of said meeting.

IN WITNESS WHEREOF, I have hereunto set my hand this 10th day of November, 2008.

PETERS SHORTHAND REPORTING CORPORATION (916) $362-2345\square$